

Laboratory Results

Results for the samples and analytes requested
The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
Origin: Treated Well
Special

Treatment

GAC

Hampton Bays Water District

P.O. Box 1013

Hampton Bays, NY 11946

Attn To : Supt. McCuen

Federal ID : 5103704

Collected : 04/08/2020 08:50 AM Point TANK A 25%

Received : 04/08/2020 04:00 PM Location

Collected By CLIENT

Lab No. : 70127455001

Client Sample ID.: GAC TANK A 25%

Analytical Method: EPA 537		Prep Method: EPA 537			Prep Date: 04/16/2020 10:30		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<0.0019		1	ug/L		04/18/2020 6:00 AM	
Perfluoroheptanoic acid	<0.0019		1	ug/L		04/18/2020 6:00 AM	
Perfluorohexanesulfonic acid	0.0028		1	ug/L		04/18/2020 6:00 AM	
Perfluorononanoic acid	<0.0019		1	ug/L		04/18/2020 6:00 AM	
Perfluorooctanesulfonic acid	0.0099		1	ug/L		04/18/2020 6:00 AM	
Perfluorooctanoic acid	<0.0019		1	ug/L		04/18/2020 6:00 AM	
Surr: 13C2-PFDA (S)	97%		1	%REC		04/18/2020 6:00 AM	
Surr: 13C2-PFHxA (S)	110%		1	%REC		04/18/2020 6:00 AM	
Surr: NEtFOSAA-d5 (S)	106%		1	%REC		04/18/2020 6:00 AM	

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

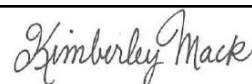
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range

U - Indicates the compound was analyzed for, but not detected

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 04/21/2020



Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

This report shall not be reproduced except in full, without the written approval of the laboratory.



575 Broad Hollow Road, Melville, NY 11747

TEL: (631) 694-3040 FAX: (631) 420-8436

www.pacelabs.com

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Origin: Treated Well

Special

Treatment

GAC

Hampton Bays Water District

P.O. Box 1013

Hampton Bays, NY 11946

Attn To : Supt. McCuen

Federal ID : 5103704

Collected : 04/08/2020 08:55 AM Point TANK A 50%

Received : 04/08/2020 04:00 PM Location

Collected By CLIENT

Lab No. : 70127455002

Client Sample ID.: GAC TANK A 50%

Analytical Method: EPA 537		Prep Method: EPA 537			Prep Date: 04/14/2020 10:05		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<0.0019		1	ug/L		04/16/2020 5:06 AM	
Perfluoroheptanoic acid	<0.0019		1	ug/L		04/16/2020 5:06 AM	
Perfluorohexanesulfonic acid	<0.0019		1	ug/L		04/16/2020 5:06 AM	
Perfluorononanoic acid	<0.0019		1	ug/L		04/16/2020 5:06 AM	
Perfluorooctanesulfonic acid	<0.0019		1	ug/L		04/16/2020 5:06 AM	
Perfluorooctanoic acid	<0.0019		1	ug/L		04/16/2020 5:06 AM	
Surr: 13C2-PFDA (S)	97%		1	%REC		04/16/2020 5:06 AM	
Surr: 13C2-PFHxA (S)	94%		1	%REC		04/16/2020 5:06 AM	
Surr: NEtFOSAA-d5 (S)	99%		1	%REC		04/16/2020 5:06 AM	

Qualifiers:

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ND - Not Detected at or above adjusted reporting limit.

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Origin: Treated Well
Special

Treatment

GAC

Hampton Bays Water District

P.O. Box 1013

Hampton Bays, NY 11946

Attn To : Supt. McCuen

Federal ID : 5103704

Collected : 04/08/2020 09:00 AM Point TANK A 75%

Received : 04/08/2020 04:00 PM Location

Collected By CLIENT

Lab No. : 70127455003

Client Sample ID.: GAC TANK A 75%

Analytical Method: EPA 537		Prep Method: EPA 537			Prep Date: 04/14/2020 10:05		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Perfluorobutanesulfonic acid	<0.0019		1	ug/L		04/16/2020 5:24 AM	
Perfluoroheptanoic acid	<0.0019		1	ug/L		04/16/2020 5:24 AM	
Perfluorohexanesulfonic acid	<0.0019		1	ug/L		04/16/2020 5:24 AM	
Perfluorononanoic acid	<0.0019		1	ug/L		04/16/2020 5:24 AM	
Perfluorooctanesulfonic acid	<0.0019		1	ug/L		04/16/2020 5:24 AM	
Perfluorooctanoic acid	<0.0019		1	ug/L		04/16/2020 5:24 AM	
Surr: 13C2-PFDA (S)	101%		1	%REC		04/16/2020 5:24 AM	
Surr: 13C2-PFHxA (S)	98%		1	%REC		04/16/2020 5:24 AM	
Surr: NEtFOSAA-d5 (S)	102%		1	%REC		04/16/2020 5:24 AM	

Qualifiers:

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ND - Not Detected at or above adjusted reporting limit.

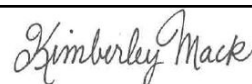
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Kimberley Mack

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WorkOrder :

70127455

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

WO#: 70127455



70127455

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Sample Request Form PUBLIC WATER SUPPLIER

☒ WELL OFF LINE

Date: 4-8-20

Collected By: W Booth 13/8 ☐ WELL RUN TO SYSTEM

Accepted By: [Signature] 4/8/20

Cooler Temp: 2.6 °C ☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Back 1600

Client Info:

Name or Code: HAMPTON BAYS WATER DISTRICT

Address: P.O. BOX 1013

HAMPTON BAYS, NEW YORK 11946

(631) 728-0179

Phone #:

Attn:

Proj. # or (Name):

Bill To:

Copies To:

Sample Types

PW - Potable Water
GW - Groundwater
SW - Surface Water
WW - Waste Water
AQ - Aqueous
S - Soil

Purpose

RO - Routine
RE - Resample
S - Special

Origin

D - Distribution
RW - Raw Well
TW - Treated Well
T - Tank
MW - Monitoring Well
I - Influent
E - Effluent

Treatment Types

AST - Air Stripper
GAC - Granular Activated Charcoal
N - Nitrate Removal Plant
FE - Iron Removal Plant
O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
8:22 4-8-20	GW	Well 1-1	RW	-	RO		BACT, NIN, PFC, I/m	
8:10 4-8-20	GW	Well 1-2	RW	-	RO		BACT, NIN, PFC, I/m	
8:00 4-8-20	GW	Well 1-3	RW	-	RO		BACT, NIN, PFC, I/m	
8:40 4-8-20	GW	BLEND. INF	RW	-	RO		BACT, NIN, PFC, I/m	
8:30 4-8-20	PW	BLEND. EFF	b	-	RO	7.6	BACT, NIN, PFC, I/m	
8:50 4-8-20	PW	GAC TANK A 25%	DS	-	S		PFC -	
8:55 4-8-20	PW	GAC TANK A 50%	D	-	S		PFC	
9:00 4-8-20	PW	GAC TANK A 75%	D	-	S		PFC	
9:15 4-8-20	GW	Well 4-1	RW	-	RO		BACT, I/m	
9:15 4-8-20	GW	Well 4-2	RW	-	RO		BACT, I/m	
9:25 4-8-20	PW	BLEND. EFF.	b	-	RO	.95 7.54	I/m	

Remarks:

RUSH PLEASE



Sample Condition Upon Receipt

Client Name: HBW

Project

WO#: 70127455

PM: KMM

Due Date: 04/14/20

CLIENT: HBW

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☒ Yes ☐ No Seals intact: ☒ Yes ☐ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: TH091

Correction Factor: +0.2Cooler Temperature (°C): 2.6Cooler Temperature Corrected (°C): 2.8Temperature Blank Present: ☐ Yes ☒ NoType of Ice: ☒ Wet ☐ Blue ☐ None☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)Date and Initials of person examining contents: CD 4/8/20Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☒ NODid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

F-LI-C-002-rev.02